1. **Get all the details of products from the puma brand**

mysql> select \* from product;

+----------------------------+------------+---------+-----------+--------+

| name | category | price | brand | rating |

+----------------------------+------------+---------+-----------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

| Brown Shoe | Fashioning | 1250.78 | Puma | 4.6 |

| Black Crocs | Modeling | 2685 | Puma | 3.2 |

| Black Jeans | Designing | 1500.5 | Edward | 4.5 |

| Bourbon Small | Biscuit | 250 | Brittania | 4.2 |

| Bourbon With Extra Cookies | Biscuit | 350 | Brittania | 4.6 |

+----------------------------+------------+---------+-----------+--------+

6 rows in set (0.00 sec)

mysql> select \* from product where brand = 'Puma';

+-------------+------------+---------+-------+--------+

| name | category | price | brand | rating |

+-------------+------------+---------+-------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

| Brown Shoe | Fashioning | 1250.78 | Puma | 4.6 |

| Black Crocs | Modeling | 2685 | Puma | 3.2 |

+-------------+------------+---------+-------+--------+

3 rows in set (0.00 sec)

1. **User would like to shop for jeans. A common pattern in all the jeans products are that their name ends with jeans. Help the user get the details of required products.**

mysql> select \* from product;

+----------------------------+------------+---------+-----------+--------+

| name | category | price | brand | rating |

+----------------------------+------------+---------+-----------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

| Brown Shoe | Fashioning | 1250.78 | Puma | 4.6 |

| Black Crocs | Modeling | 2685 | Puma | 3.2 |

| Black Jeans | Designing | 1500.5 | Edward | 4.5 |

| Bourbon Small | Biscuit | 250 | Brittania | 4.2 |

| Bourbon With Extra Cookies | Biscuit | 350 | Brittania | 4.6 |

| Blue Jeans | Modeling | 1900 | Cooper | 4.1 |

| Grey Jeans | Designing | 950.6 | Edward | 4.1 |

+----------------------------+------------+---------+-----------+--------+

8 rows in set (0.00 sec)

mysql> select \* from product where name like '%Jeans';

+-------------+-----------+--------+--------+--------+

| name | category | price | brand | rating |

+-------------+-----------+--------+--------+--------+

| Black Jeans | Designing | 1500.5 | Edward | 4.5 |

| Blue Jeans | Modeling | 1900 | Cooper | 4.1 |

| Grey Jeans | Designing | 950.6 | Edward | 4.1 |

+-------------+-----------+--------+--------+--------+

3 rows in set (0.00 sec)

1. **User wants to purchase “Bourbon small”. “Bourbon with extra cookies or products from bourbon”. retrieve all details of such products accordingly.**

mysql> select \* from product where name like 'Bourbon%';

+----------------------------+----------+-------+-----------+--------+

| name | category | price | brand | rating |

+----------------------------+----------+-------+-----------+--------+

| Bourbon Small | Biscuit | 250 | Brittania | 4.2 |

| Bourbon With Extra Cookies | Biscuit | 350 | Brittania | 4.6 |

+----------------------------+----------+-------+-----------+--------+

2 rows in set (0.00 sec)

**4.List all the chips in the databases.**

mysql> select \* from product;

+----------------------------+------------+---------+-----------+--------+

| name | category | price | brand | rating |

+----------------------------+------------+---------+-----------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

| Brown Shoe | Fashioning | 1250.78 | Puma | 4.6 |

| Black Crocs | Modeling | 2685 | Puma | 3.2 |

| Black Jeans | Designing | 1500.5 | Edward | 4.5 |

| Bourbon Small | Biscuit | 250 | Brittania | 4.2 |

| Bourbon With Extra Cookies | Biscuit | 350 | Brittania | 4.6 |

| Blue Jeans | Modeling | 1900 | Cooper | 4.1 |

| Grey Jeans | Designing | 950.6 | Edward | 4.1 |

| Lays Chips Classic | Chips | 70 | Uniliver | 3.9 |

| Bingo Chips Spicy | Chips | 90.5 | Uniliver | 3.7 |

| Kurkure Chips Extra spicy | Chips | 60.5 | Uniliver | 3.8 |

+----------------------------+------------+---------+-----------+--------+

11 rows in set (0.00 sec)

mysql> select \* from product where name like '%chips%';

+---------------------------+----------+-------+----------+--------+

| name | category | price | brand | rating |

+---------------------------+----------+-------+----------+--------+

| Lays Chips Classic | Chips | 70 | Uniliver | 3.9 |

| Bingo Chips Spicy | Chips | 90.5 | Uniliver | 3.7 |

| Kurkure Chips Extra spicy | Chips | 60.5 | Uniliver | 3.8 |

+---------------------------+----------+-------+----------+--------+

3 rows in set (0.00 sec)

**5.Get the products whose name matches the following pattern:**

mysql> select \* from product where name like '%h\_r\_';

+-------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+-------------+----------+-------+-------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

+-------------+----------+-------+-------+--------+

1 row in set (0.00 sec)

1. **Get all the products whose price is less than or equal to 1000**

mysql> select \* from product where price <= 1000;

+----------------------------+-----------+-------+-----------+--------+

| name | category | price | brand | rating |

+----------------------------+-----------+-------+-----------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

| Bourbon Small | Biscuit | 250 | Brittania | 4.2 |

| Bourbon With Extra Cookies | Biscuit | 350 | Brittania | 4.6 |

| Grey Jeans | Designing | 950.6 | Edward | 4.1 |

| Lays Chips Classic | Chips | 70 | Uniliver | 3.9 |

| Bingo Chips Spicy | Chips | 90.5 | Uniliver | 3.7 |

| Kurkure Chips Extra spicy | Chips | 60.5 | Uniliver | 3.8 |

+----------------------------+-----------+-------+-----------+--------+

7 rows in set (0.00 sec)

1. **Get all the best rated Products.**

mysql> select \* from product where rating > 4.0;

+----------------------------+------------+---------+-----------+--------+

| name | category | price | brand | rating |

+----------------------------+------------+---------+-----------+--------+

| Black Shirt | Clothing | 900 | Puma | 4.8 |

| Brown Shoe | Fashioning | 1250.78 | Puma | 4.6 |

| Black Jeans | Designing | 1500.5 | Edward | 4.5 |

| Bourbon Small | Biscuit | 250 | Brittania | 4.2 |

| Bourbon With Extra Cookies | Biscuit | 350 | Brittania | 4.6 |

| Blue Jeans | Modeling | 1900 | Cooper | 4.1 |

| Grey Jeans | Designing | 950.6 | Edward | 4.1 |

+----------------------------+------------+---------+-----------+--------+

7 rows in set (0.00 sec)